

12-18-01

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PTO/SB/05 (03-01)

Approved for use through 10/31/2002 OMB 0651-0032

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UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No

P14953-US1

First Inventor

Molnar, Karl James

Title

METHOD AND APPARATUS FOR TWO-USER JOINT  
DEMODULATION IN A SYSTEM HAVING TRANSMIT  
DIVERSITY

Express Mail Label No

ET729911064US

## APPLICATION ELEMENTS

SEE MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

- 1.
- ☒
- Fee Transmittal Form (e.g., PTO/SB/17)
- 
- (Submit an original and a duplicate for fee processing)

- 2.
- ☐
- Applicant claims small entity status
- 
- See 37 CFR 1.27

- 3.
- ☒
- Specification [Total Pages 36]
- 
- (preferred arrangement set forth below)
- 
- Descriptive title of the invention
- 
- Cross Reference to Related Applications
- 
- Statement Regarding Fed sponsored R & D
- 
- Reference to sequence listing, a table,
- 
- or a computer program listing appendix
- 
- Background of the Invention
- 
- Brief Summary of the Invention
- 
- Brief Description of the Drawings (if filed)
- 
- Detailed Description
- 
- Claim(s)
- 
- Abstract of the Disclosure

- 4.
- ☒
- Drawing(s) (35 U.S.C. 113) [Total Pages 14]

5. Oath or Declaration [Total Pages 2]

a. ☒ Newly executed (original or copy)b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)i. ☐ DELETION OF INVENTOR(S)Signed statement attached deleting inventor(s)  
Named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b)

- 6.
- ☐
- Application Data Sheet See 37 CFR 1.76

- 7.
- ☐
- CD-ROM or CD-R in duplicate, large table or
- 
- Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission
- 
- if applicable, all necessary)

a. ☐ Computer Readable Form (CRF)

b. Specification Sequence Listing on

i. ☐ CD-ROM or CD-R (2 copies), orii. ☐ paperc. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

- 9.
- ☒
- Assignment Papers (cover sheet & documents(s))

- 10.
- ☐
- 37 CFR 3.73(b) Statement
- ☒
- Power of Attorney
- 
- (when there is an assignee)

- 11.
- ☐
- English Translation Document (if applicable)

- 12.
- ☐
- Information Disclosure
- ☐
- Copies of IDS Citations
- 
- Statement (IDS)/PTO-1449

- 13.
- ☐
- Preliminary Amendment

- 14.
- ☒
- Return Receipt Postcard (MPEP 503)
- 
- (Should be specifically itemized)

- 15.
- ☐
- Certified Copy of Priority Document(s)
- 
- (if foreign priority is claimed)

- 16.
- ☐
- Nonpublication Request under 35 U.S.C. 122
- 
- (b)(2)(B)(i) Applicant must attach form PTO/SB/35
- 
- or its equivalent

- 17.
- ☐
- Other

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,  
or in an Application Data Sheet under 37 CFR 1.76☐ Continuation☐ Divisional☐ Continuation-in-part (CIP)

of prior application No

Prior application information

Examiner

Group Art Unit

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under  
Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.  
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

Name	STEVEN B. PHILLIPS				
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Name	Steven B. Phillips	Registration No. (Attorney/Agent)	37,911
Signature	<i>Steven B. Phillips</i>	Date	12/14/01

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12-14-2001

Individual case Any comments on  
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**FEE TRANSMITTAL**  
**for FY 2002**

Patent fees are subject to annual revision

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$)**1368.00****Complete if Known**

Application Number	
Filing Date	
First Named Inventor	Molnar, Karl James
Examiner Name	
Group Art Unit	
Attorney Docket No	P14953-US1

**METHOD OF PAYMENT** (check all that apply)☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☐ Deposit AccountDeposit  
Account  
Number  
Deposit  
Account  
Name

13-4365

Moore &amp; Van Allen

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account
**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
101	740	201	370	Utility filing fee	740
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

**SUBTOTAL (1)** (\$)**740****2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	X	Fee Paid
34	7		20** = 14	18		252
			3** = 4	84		336

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)** (\$)**588**

\*\*or number previously paid, if greater For Reissues, see above

**FEE CALCULATION** (continued)**3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$)**40****SUBMITTED BY**

Name (Print/Type)	Steven B. Phillips	Registration No (Attorney/Agent)	37,911	Telephone	919-286-8000
Signature	<i>Dr B Phillips</i>	Date	12/14/01		

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